

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030047.D
 Acq On : 27 Aug 2024 16:21
 Operator : SY/MD
 Sample : P3721-09MSD
 Misc : 6.32g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ0MSD

Quant Time: Aug 28 01:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	307468	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	70399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84312	18.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	2.893	69	63011	19.404	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	4.027	65	38687	19.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.081	46	54095	59.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.620%
24) Chloroform-d	7.648	84	172166	20.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.040%
26) 1,2-Dichloroethane-d4	8.307	65	92925	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.276	84	338218	24.574	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	9.270	67	104730	25.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	10.319	98	280629	22.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.575	79	40464	24.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.922	63	47533	77.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.040%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77008	25.938	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	48791	19.161	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	69342	19.609	ug/L	96
3) Chloromethane	2.223	50	87323	21.242	ug/L	100
5) Vinyl chloride	2.375	62	95326	19.618	ug/L	95
6) Bromomethane	2.789	94	56485	18.706	ug/L	93
8) Chloroethane	2.930	64	54434	19.441	ug/L	99
9) Trichlorofluoromethane	3.265	101	82574	19.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77516	19.256	ug/L	97
12) 1,1-Dichloroethene	4.045	96	74937	19.014	ug/L	95
13) Acetone	4.131	43	103612	124.198	ug/L	100
14) Carbon disulfide	4.393	76	250291	20.472	ug/L	98
15) Methyl Acetate	4.673	43	42877	26.361	ug/L #	73
16) Methylene chloride	4.923	84	97079	19.113	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	84876	19.473	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154096	23.118	ug/L	99
19) 1,1-Dichloroethane	6.216	63	169171	20.887	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94342	19.584	ug/L	92
22) 2-Butanone	7.173	43	61448	51.474	ug/L	96
23) Bromochloromethane	7.508	128	42148	20.627	ug/L	93
25) Chloroform	7.679	83	165998	20.037	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	113101	21.328	ug/L	100
29) Cyclohexane	7.959	56	132911	23.607	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	129499	23.712	ug/L	99
31) Carbon tetrachloride	8.069	117	115196	23.477	ug/L	98
33) Benzene	8.325	78	355394	23.789	ug/L	100
34) Trichloroethene	9.093	95	88862	22.090	ug/L	97
35) Methylcyclohexane	9.331	83	131205	19.914	ug/L	95
37) 1,2-Dichloropropane	9.368	63	95682	25.292	ug/L	98
38) Bromodichloromethane	9.642	83	113243	23.724	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	136884	23.508	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	136276	72.366	ug/L	97
42) Toluene	10.386	91	353085	22.193	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	112903	23.962	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	68342	24.647	ug/L	98
46) Tetrachloroethene	10.861	164	56589	18.534	ug/L	95
48) 2-Hexanone	10.965	43	94872	70.868	ug/L	96
49) Dibromochloromethane	11.129	129	67981	23.074	ug/L	92
50) 1,2-Dibromoethane	11.233	107	65280	25.204	ug/L	98
51) Chlorobenzene	11.654	112	180243	17.719	ug/L	94
52) Ethylbenzene	11.727	91	338117	18.757	ug/L	96
53) m,p-Xylene	11.837	106	121918	18.123	ug/L	97
54) o-Xylene	12.160	106	115674	17.915	ug/L	97
55) Styrene	12.178	104	165421	15.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	78146	25.027	ug/L	99
59) Bromoform	12.343	173	36853	35.153	ug/L	98
60) Isopropylbenzene	12.458	105	305992	27.244	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59193	41.353	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	211072	25.275	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	198371	22.536	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	84744	17.699	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	85628	17.703	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	78995	18.443	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11546	37.682	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	38960	12.463	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	26843	9.921	ug/L	98
71) Naphthalene	15.360	128	67768	13.117	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23457	9.877	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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